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MONTHLY WORK ASSIGNMENT STATUS REPORT

SITE NAME/ACTIVITY: Dead Creek Project, Illinois, RI/FS
PREPARED BY: Michael Miller, Project Manager, E & E
DATE: March 16, 1987
Period: February

1. Status of Work and Progress to Date

Work activities for the month of February included the continuation of monitoring well installation and subsurface soil sampling. Tabulation of analytical data received to date continued. With the exception of one monitoring well, all well installation and subsurface soil sampling has been completed. The remaining well will be installed and developed in the first week of March. A total of 17 monitoring wells were installed at depths ranging from 23 feet to 44 feet. An additional 16 borings were drilled, and a total of 26 monitoring wells were developed. Thirty three soil samples, including 7 QC samples, were submitted to the Buffalo Analytical Services Center for analysis.

The drilling completed in February included replacing 10 of the original 12 IEPA wells in the area. The remaining two wells were not replaced in part due to field conditions, but also because it is felt that these wells would not provide any meaningful data. The two wells that were not replaced are located in the southern portion of Creek Sector B of Dead Creek (wells designated as G105 and G111 in the 1980 IEPA study).

2. Percentage Completion

The following table provides the percent completion of scope and expenditures as of February 28, 1987.

RI Task	Hours	\$ Expended	Hours % of Budget	% of S Budget Expended	Scope % Complete
1 Initial Meeting	74	5211	123	116	100
2 Work Plan	1027	42,922	327	295	100
3 Associated Support	228	10,576	190	100	100
4 Add'l Data Gathering	303	15,189	168	114	100
5 Describe Current Situ	748	28,202	680	730	100
6 Preliminary Report	290	14,082	263	365	100

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RI Task	Hours	\$ Expended	Hours % of Budget	% of Budget Expended	Scope % Complete
7 Site Investigation	760	118,063	100	100	100
8 Prelim. Remed. Tech	106	5,253	106	132	100
11 Add'l Requirement	133	7,330	133	102	100
20 Add Req. New Scope	168	10,674	35	34	30
21 Revised Scope Devel.	405	20,000	100	100	100
22 Work Plan Revision	118	4,913	33	27	35
25 Add'l Investigations	2157	252,310	50	57	70
26 Analytical Services		181,690		53	53

3. Problems Encountered and Corrective Action

The muddy conditions at the sites again necessitated towing the drill rig off of a boring location. This incident happened at a boring location on top of one of the former sludge lagoons at the Sauget Treatment Plant. Carl Marciante, the plant manager, expressed some concern that the clay cap on the lagoons had been penetrated. After visually inspecting the area, it was determined that the cap had not been penetrated, however, this incident prevented further use of the drill rig in the area of the former lagoons. Because of this incident, the two remaining borings scheduled for the lagoon area had to be hand augered. The hand augering was accomplished with no problems.

The only other problem encountered was that the augers became heavily contaminated with a grease-like substance at several boring locations. This necessitated using a hexane or kerosene bath along with brushing the augers, followed by steam cleaning. Although it was very time consuming this procedure proved to be effective for decontaminating the augers.

4. Activities Planned for Next Reporting Period

Activities planned for the month of March include installing and developing the one remaining monitoring well, surveying well elevations, collecting water level measurements, and collecting groundwater samples. Groundwater samples will be collected from 25 new wells, 10 IEPA replacement wells, 6 existing monitoring wells at Site R, and 5 residential wells. Keri Luly of the IEPA is presently researching possibilities for the residential well sampling.

5. Key Personnel Changes

None

6. Expenditures for Reporting Period

<u>Direct Labor Hours</u>	<u>Expenditures Including Fees</u>
637	\$128,112

7. Cumulative Expenditures

<u>Direct Labor Hours</u>	<u>Expenditures Including Fees</u>
6,547	\$716,415

8. Projected Expenditures

No change from previously projected expenditures.

9. Expenditures and Manhours (graphic)

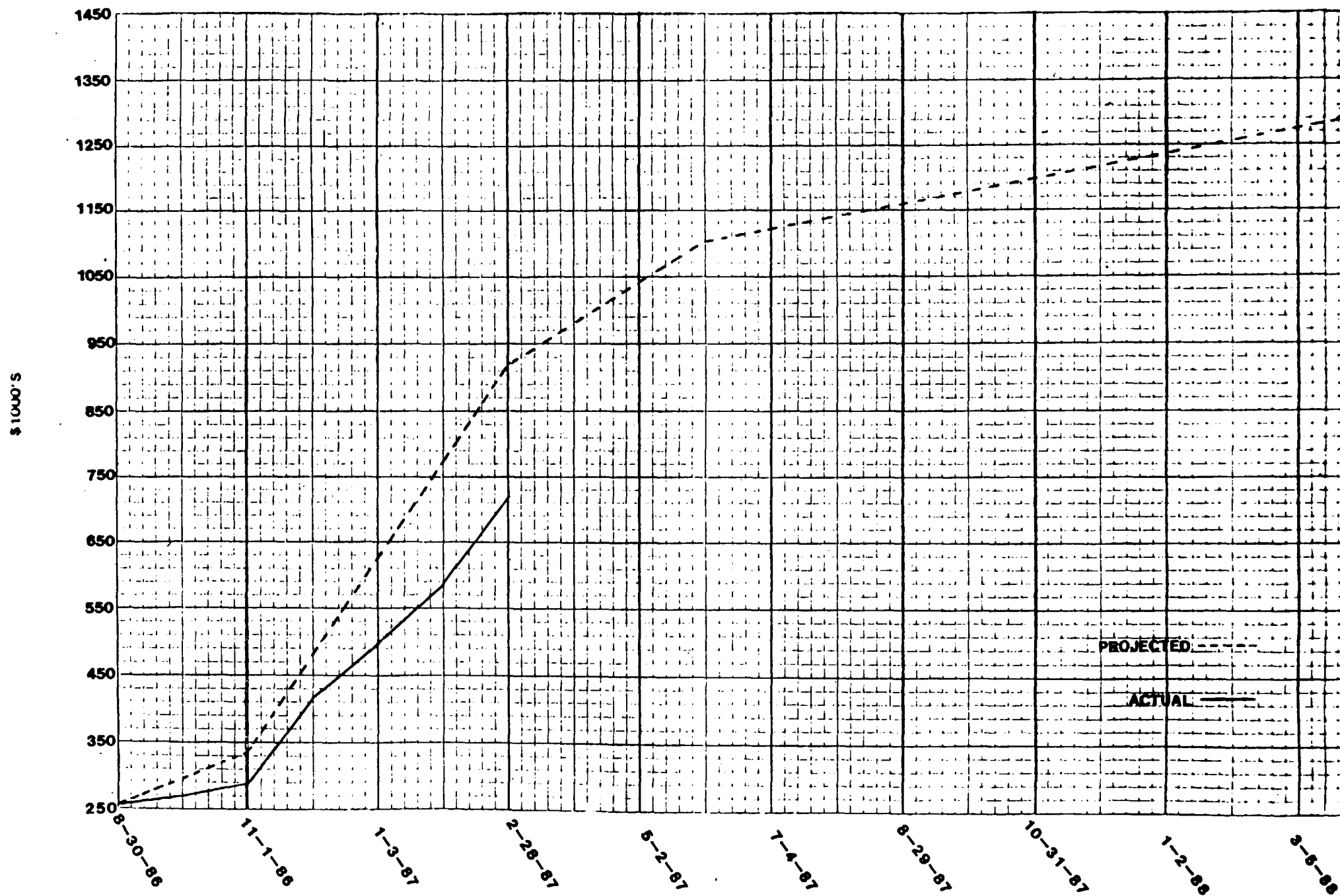
See attached.

10. Target vs. Actual for Activities

	<u>Target Completion</u>	<u>Actual Completion</u>
1. Initial and Secondary Meeting	3/17/86	3/25/86
2. Work Plan	2/17/86	5/16/86
3. Associated Support	1/24/86	3/25/86
4. Additional Data Gathering	1/24/86	2/22/86
5. Describe Current Situation	3/14/86	7/17/86
6. Preliminary Report	10/15/86	10/13/86
7. Site Investigations	Suspended	(See tasks 22-26)
8. Preliminary Remedial Technology	10/15/86	10/13/86
9. Site Investigation Analysis	Suspended	-----
10. Remedial Investigation Report	Suspended	-----
11. Additional Requirements	10/15/86	
12. Describe Proposed Response	9/11/87	
13. Development of Alternatives	10/19/87	
14. Initial Screen of Alternatives	10/29/87	
15. Laboratory Studies	11/20/87	
16. Evaluation of Alternatives	12/14/87	
17. Draft Feasibility Study	1/29/88	
18. Conceptual Design	4/22/88	
19. Final Report	4/29/88	
20. Additional Requirements	5/27/88	
21. Revised Scope Development	8/01/86	8/05/86
22. Work Plan Revisions	3/27/87	
23. Water Supply Search	5/30/87	
24. Air Monitoring	5/30/87	
25. Additional Investigations	5/30/87	
26. Final Report HRS-RI	9/11/87	

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DEAD CREEK PROJECT EXPENDITURES



DEAD CREEK PROJECT MANHOURS

